



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
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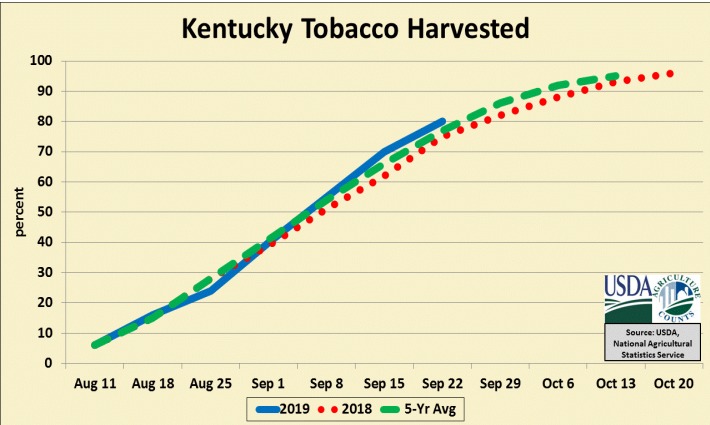
Agricultural News: Kentucky experienced well above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.05 inches, 0.78 inches below normal. Temperatures averaged 76 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 43 percent very short, 43 percent short, 14 percent adequate and 0 percent surplus. **Subsoil moisture** was rated 34 percent very short, 44 percent short, 22 percent adequate, and 0 percent surplus. Days suitable for fieldwork averaged 6.8 out of a possible seven.

Primary activities this week included harvesting corn, soybeans, and tobacco. Little rainfall coupled with above average temperatures were experienced across the state for a third consecutive week. According to the U.S. Drought Monitor the majority of state is now classified in abnormally dry to moderate drought stage. Moisture levels in corn and soybeans being harvested are extremely low. Pasture and hay conditions continue to deteriorate.

SOIL MOISTURE for week ending 09/22/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	43	43	14	-
Subsoil	34	44	22	-

- Represents zero.



CROP PROGRESS for week ending 09/22/19

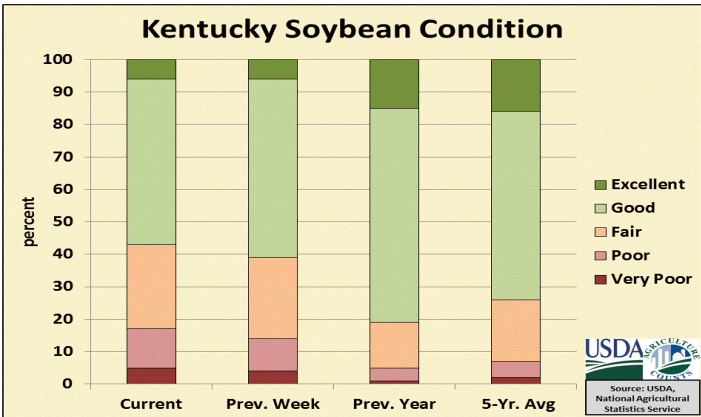
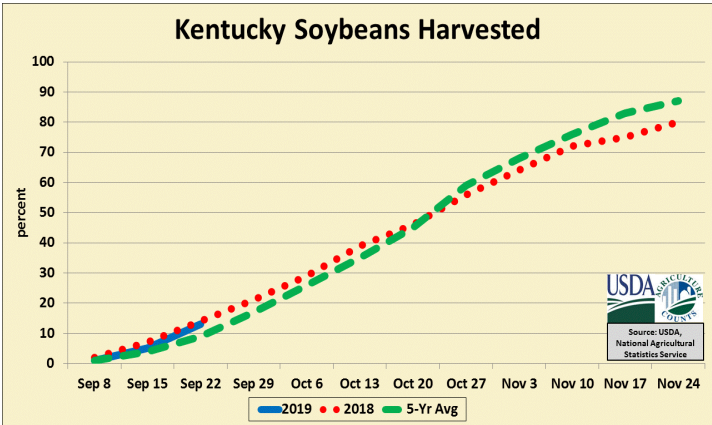
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	96	91	96	95
Corn Mature	82	71	86	83
Corn Harvested	44	26	48	42
Soybeans Coloring	65	49	72	66
Soybeans Dropping Leaves	41	25	44	38
Soybeans Harvested	13	5	14	9
Tobacco Cut	80	70	75	77
Winter Wheat Seeded	1	-	2	1

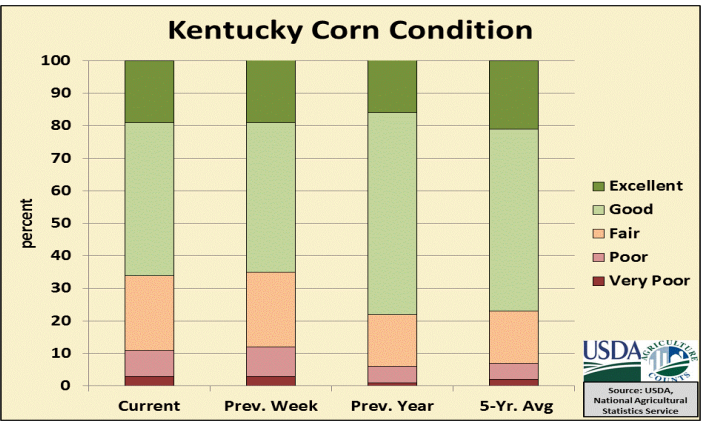
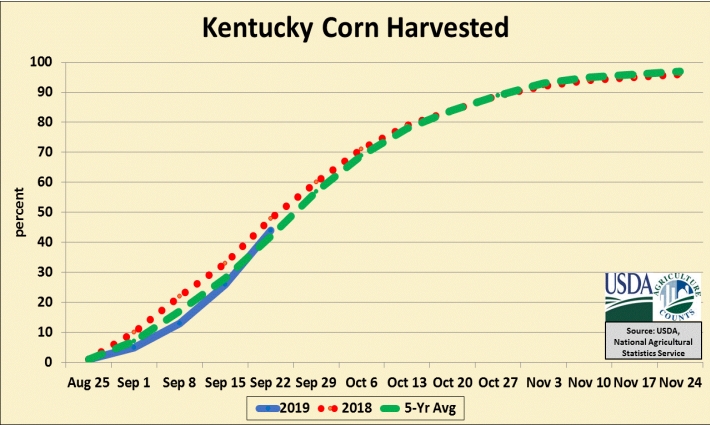
- Shown when data not available.

CROP CONDITIONS for week ending 09/22/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	8	23	47	19
Hay	10	16	35	36	3
Pasture	24	30	32	14	-
Soybeans	5	12	26	51	6
Tobacco Housed	1	6	25	61	7

- Represents zero.





Kentucky Climate Summary
For the Period September 16, 2019 to September 22, 2019

Well Above Normal Temperatures and Much Below Normal Rainfall:

Rainfall ran scarce for a third straight week with many once again not recording any accumulations. Looking at the table of weather data below, most stations have recorded between 1 to 2 inches over the past four weeks. Saying that, the brunt of these accumulations fell over the last week of August. Looking at some stations across the state; Louisville, Bowling Green, Paducah, Lexington, and Jackson have all not recorded any rainfall for at least 25 days. Some are at 27 days now. Going at least 25 days without rainfall simply does not happen very often. The most recent time this was matched of the five cities listed above was Paducah in 2010. The US Drought Monitor expanded ‘Moderate Drought’ to include over a quarter of the state with the latest update this past Thursday. This is the largest percentage of the state in drought since December of 2016. Dry conditions have also helped push temperatures higher. Highs continued to rise around 90 on daily basis with many even jumping into the mid to upper 90s on Monday. Normal highs for this time of year are in the middle 70s to low 80s.

Temperatures for the period averaged 76 degrees across the state which was 8 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 10 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 99 degrees at CAPE GIRARDEAU ASOS and the extreme low was 51 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.05 inches statewide which was 0.78 inches below normal and 6% of normal. Precipitation totals by climate division, West 0.13 inches, Central 0.03 inches, Bluegrass 0.04 inches and East 0.00 inches, which was 0.72, 0.88, 0.71 and 0.82 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 2.25 inches at CAPE GIRARDEAU ASOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/22/19 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)
Bardstown	0.00	24.40	2.63	+1.11	-0.48	94	61	77	+10	97	30
Berea	0.00	24.24	2.33	-0.12	-1.38	94	55	74	+8	100	34
Bowling Green	0.00	25.16	2.91	+0.75	-0.50	97	59	79	+12	90	28
Bristol	0.00	23.76	1.14	+3.14	-1.86	92	55	72	+6	100	37
Buckhorn Lake	0.00	22.49	1.25	-0.69	-2.14	91	61	74	+8	81	29
Cape Girardeau	2.25	32.27	2.45	+9.53	-0.84	99	61	79	+10	100	23
Campbellsville	0.00	21.83	0.95	-5.60	-3.34	94	56	75	+8	100	34
Covington	0.00	26.30	1.95	+4.73	-0.81	91	62	77	+11	87	31
Cumberland Gap	0.00	29.00	1.87	+3.99	-1.23	79	53	66	0	100	33
Dix Dam	0.00	22.58	0.80	-1.41	-2.46	94	59	77	+11	84	27
Evansville	0.00	27.35	1.32	+5.76	-1.46	96	62	79	+10	100	30
Glasgow	0.00	24.32	1.32	-2.08	-2.31	95	58	76	+9	100	34
Grayson	0.00	24.90	1.37	+2.54	-1.37	93	56	75	+9	100	32
Hardinsburg	0.00	28.14	0.18	+3.94	-3.23	93	59	77	+10	100	34
Henderson	0.00	21.47	0.93	-0.93	-2.22	95	58	76	+7	100	30
Huntington	0.00	23.22	1.90	+0.74	-0.92	92	44	72	+6	96	28
Jackson	0.00	24.29	1.08	+0.05	-2.28	94	63	77	+11	93	31
Lexington	0.00	21.98	1.03	-1.31	-2.08	96	64	79	+13	84	27
London	0.00	26.93	1.92	+4.51	-1.27	94	58	75	+9	97	28
Louisville	0.00	23.05	1.11	+0.37	-1.89	98	66	81	+14	78	27
Mayfield	0.00	25.73	0.69	+1.07	-2.96	94	58	76	+7	100	37
Nashville	0.00	23.22	1.01	+0.47	-2.16	99	64	81	+14	96	26
Nolin Lake	0.00	28.26	1.34	+2.44	-2.48	97	57	77	+10	96	28
Paducah	0.00	33.26	0.02	+9.02	-3.33	97	60	79	+10	93	32
Princeton	0.00	23.87	0.59	-0.48	-2.63	95	58	77	+8	100	32
Quicksand	0.00	22.70	0.76	-1.54	-2.60	93	56	74	+8	86	49
Somerset	0.00	25.94	1.23	+0.54	-2.46	93	54	74	+8	99	33
Spindletop	0.00	21.28	1.26	-2.01	-1.85	95	62	79	+13	93	26
Williamstown	0.24	26.94	2.35	+4.01	-0.71	90	61	75	+9	98	35

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.